

Datasheet for ABIN7564933  
**KIF17 Protein (AA 1-1038) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	KIF17
Protein Characteristics:	AA 1-1038
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIF17 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Kif17 Protein expressed in mammalian cells.
Sequence:	<p>MASESVKVVV RCRPMNKRR ELSCQSVTV DSARGQCFIQ NPGAADPPK QFTFDGAYYI</p> <p>EHFTEQIYNE IAYPLVEGVT EGYNGTIFAY GQTGSGKSFT MQGLPDPPCQ RGIIPRAFEH</p> <p>VFESVQCAEN TKFLVRASYL EIYNEDVHDL LGADTKQRLE LKEHPEKGVY VKGLSMHTVH</p> <p>NVAQCERVME TGWKNRAVG Y TLMNKDSSRS HSIFTINIEI YAVDERGKDH LRAKLNLD</p> <p>LAGSERQSKT GATGERLKEA TKINLSLSAL GNVISALVDG RCKHIPYRDS KLTRLLQDSL</p> <p>GGNTKTLMVA CLSPADNNYD ETLSTLRYAN RAKNIKNKPR INEDPKDALL REYQEEIKRL</p> <p>KAILAQQMGP GNLSALLSTQ TPPGPVQSEE KLLSPTTVQQ DTEAEKQLIR EEEYERLRL</p> <p>KADYEAQES RVRLQEDITA MRNSYDVKLS TLQENLRKEK ETEAILKAEV LCKTEVMSRA</p> <p>ELASGPEYSP PLQYETAVKP TILSMPDMPP SGKVTKSQAP LAFEHPHGET SRSEFSFESN</p> <p>ECSTLEDSAT SEAFPGPEEF SNMEFSMAAA LTESRYLPEE YLGGQEAAS PLEAERYVQE</p> <p>NEPSLEPLRI LASLQDPFAE VEAKLARLSS TVAMSDSSQT VVPQIPKQPS SADLLEPSDT</p> <p>KSEADVAVAD NVVLGTEPDV NLRVAEEVVS EAETGVWMES EAQVAHVAQV SEEAQPQLL</p>

## Product Details

AMVSVRRESV GVEVAVLTEE ELQPVDDQQV LARLQLLEQQ VVGGEQAKNK DLREKHKRRK  
RYADERKKQL VAALQNSDED GGDWVLLNVY DSIQEEVRAK SKLLEKMQRK LRAAEVEIKD  
LQSEFQLEKI DYLATIRRQE RDSMLFQQLL EQVQPLIRRD CNYSNLEKIR RESSWDEDNG  
FWKIPDPIL KTSLPVVPTG TQNKPARKTS AVDSGEPHMQ EEDRYKMLLS RSDSENIASN  
YFRSKRASQI LSTDPMKSLT YHNSPPGLNS SLSNNSALPP TQTPEMPQPR PFRLESLDIP  
FSKAKRKKSK NSFGGEPL **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

Target:	KIF17
Alternative Name:	Kif17 ( <a href="#">KIF17 Products</a> )
Background:	Kinesin-like protein KIF17 (MmKIF17),FUNCTION: Dendrite-specific motor protein which, in association with the Apba1-containing complex (LIN-10-LIN-2-LIN-7 complex), transports vesicles containing N-methyl-D-aspartate (NMDA) receptor subunit NR2B along microtubules.

## Target Details

	{ECO:0000269 PubMed:10846156}.
Molecular Weight:	116.4 kDa
UniProt:	<a href="#">Q99PW8</a>

## Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months